

*If you are using a printed copy of this procedure, and not the on-screen version, then you **MUST** make sure the dates at the bottom of the printed copy and the on-screen version match. The on-screen version of the Collider-Accelerator Department Procedure is the Official Version. Hard copies of all signed, official, C-A Operating Procedures are kept on file in the C-A ESHQ Training Office, Bldg. 911A*

C-A OPERATIONS PROCEDURES MANUAL

ATTACHMENT

4.120.6.b 6 O'Clock (PEER 7) Gate Tests

C-A-OPM Procedures in which this Attachment is used.		
4.120.6		

Hand Processed Changes

<u>HPC No.</u>	<u>Date</u>	<u>Page Nos.</u>	<u>Initials</u>
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Approved: Signature on File
 Collider-Accelerator Department Chairman Date

V. Castillo

4.120.6.b 6 O'clock (PEER 7) Gate Tests

PASS ANNUAL ACCEPTANCE TEST PROTOCOL

Division A Software Filename and Checksum: Title: _____ Checksum: _____

Division B Software Filename and Checksum: Title: _____ Checksum: _____

Initial testing complete:

Test Team Leader's Name (Print): _____ Life Number: _____

Test Team Leader's Name (Sign): _____ Date: ____/____/____

Acceptance test procedure complete (following repairs and retesting if required):

Test Team Leader's Name (Print): _____ Life Number: _____

Test Team Leader's Name (Sign): _____ Date: ____/____/____

Test results reviewed by:

Safety Section Head's Name (Print): _____ Life Number: _____

Safety Section Head's Name (Sign): _____ Date: ____/____/____

Test results accepted by Radiation Safety Committee:

RSC Member's Name (Print): _____ Life Number: _____

RSC Member's Name (Sign): _____ Date: ____/____/____

1.1 CONDUCT Visual check on **Peer 7** gates following Table-1, below

Gate	Micro Switch		Elec Wiring	Gate Box	Lights	Gate Functions			Verify all x's Corr.	Inspn O.K. Init.
	Align	Opern				Open	Self-Closing	Latch		
5GS1I									<input type="checkbox"/>	
5GS1O									<input type="checkbox"/>	
5EL1									<input type="checkbox"/>	
5GE1									<input type="checkbox"/>	
5ED1									<input type="checkbox"/>	
6GE1									<input type="checkbox"/>	
6GE2									<input type="checkbox"/>	
6MD1									<input type="checkbox"/>	
6ED1									<input type="checkbox"/>	
6GE3									<input type="checkbox"/>	
6EL1									<input type="checkbox"/>	
6ED2									<input type="checkbox"/>	
7GS1I									<input type="checkbox"/>	
7GS1O									<input type="checkbox"/>	
YGI1									<input type="checkbox"/>	
YGI2									<input type="checkbox"/>	
XGI1									<input type="checkbox"/>	
XGI2									<input type="checkbox"/>	

Legend: Tick = O.K. x = Problem N/A = Not Applicable

Table 1: Summary of Physical Inspection of Peer 7 Gates

- 1.2 Test INNER GATE at 5GS1:
- ☐ **VERIFY** Gate has been inspected
 - ☐ **PLACE** **PEER 9** in **Restricted Access (Mode 8)**
 - ☐ **VERIFY** **PEER 9** is in **Restricted Access** **MODE 8**
 - ☐ **PLACE** **PEER 7** in **Controlled Access (MODE 16)**
 - ☐ **VERIFY** **PEER 7** is in **Controlled Access** **MODE 16**
 - ☐ **VERIFY** The warning lights and LED message: **Stop Call MCR for Access X-7400 Stop** on both sides of the gate are **ON**
 - ☐ **OPEN** The gate
 - ☐ **VERIFY** **MCR** sees the gate is **OPEN**
 - ☐ **HOLD** Both of the PEER 7 gate micro switches **MADE**
 - ☐ **VERIFY** **MCR** sees the gate is **CLOSED**
 - ☐ **RELEASE** Div A PEER 7 micro switch
 - ☐ **VERIFY** **MCR** indicates **Div A** **OPEN**
 - ☐ **HOLD** Both of the PEER 7 gate micro switches **MADE**
 - ☐ **VERIFY** **MCR** sees the gate is **CLOSED**

- | | | | |
|--------------------------|----------------|---|----------------|
| <input type="checkbox"/> | RELEASE | Div B PEER 7 micro switch | |
| <input type="checkbox"/> | VERIFY | MCR indicates Div B | OPEN |
| | CLOSE | The gate | |
| <input type="checkbox"/> | VERIFY | MCR sees the gate is | CLOSED |
| <input type="checkbox"/> | VERIFY | The 5Z1 gate box Gate Reset light is | OFF |
| | RESET | The gate with #15 RC Sweep key at 5Z1 inner gate box | |
| <input type="checkbox"/> | VERIFY | MCR sees the gate is | RESET |
| <input type="checkbox"/> | VERIFY | The 5Z1 gate box Gate Reset light is | ON |
| | OPEN | The gate | |
| <input type="checkbox"/> | VERIFY | MCR sees the gate is | OPEN |
| <input type="checkbox"/> | VERIFY | The 5Z1 gate box Gate Reset light is | OFF |
| | CLOSE | The gate | |
| | | | |
| | PLACE | PEER 7 in Controlled Access (MODE 17) | |
| <input type="checkbox"/> | VERIFY | PEER 7 is in Controlled Access | MODE 17 |
| <input type="checkbox"/> | VERIFY | The warning lights and LED message: Stop Call MCR for Access X-7400 Stop on both sides of the gate are | ON |
| | | | |
| | PLACE | PEER 7 in Restricted Access (Mode 8) | |
| <input type="checkbox"/> | VERIFY | PEER 7 is in Restricted Access | MODE 8 |
| <input type="checkbox"/> | VERIFY | The LED message: Access Permitted is | ON |
| | | | |
| | PLACE | PEER 7 in Safe Access (Mode 2) | |
| <input type="checkbox"/> | VERIFY | PEER 7 is in Safe Access | MODE 2 |
| <input type="checkbox"/> | VERIFY | The warning lights and LED message: Stop Call MCR for Access X-7400 Stop on both sides of the gate are | ON |
| | | | |
| <input type="checkbox"/> | CHECK | for test acceptance of INNER GATE at 5GS1 | |

1.3 Test OUTER GATE at 5GS1:

- | | | | |
|--------------------------|----------------|--|----------------|
| | PLACE | PEER 7 in Controlled Access (MODE 16) | |
| <input type="checkbox"/> | VERIFY | PEER 7 is in Controlled Access | MODE 16 |
| <input type="checkbox"/> | VERIFY | The warning lights on both sides of the gate indicate: CALL MCR FOR CROSSOVER AMBER | ON |
| | OPEN | The gate | |
| <input type="checkbox"/> | VERIFY | MCR sees the gate is | OPEN |
| | HOLD | Both of the PEER 7 gate micro switches | MADE |
| <input type="checkbox"/> | VERIFY | MCR sees the gate is | CLOSED |
| | RELEASE | Div A PEER 7 micro switch | |
| <input type="checkbox"/> | VERIFY | MCR indicates Div A | OPEN |
| | HOLD | Both of the PEER 7 gate micro switches | MADE |
| <input type="checkbox"/> | VERIFY | MCR sees the gate is | CLOSED |
| | RELEASE | Div B PEER 7 micro switch | |
| <input type="checkbox"/> | VERIFY | MCR indicates Div B | OPEN |
| | CLOSE | The gate | |
| <input type="checkbox"/> | VERIFY | MCR sees the gate is | CLOSED |
| | | | |
| <input type="checkbox"/> | CHECK | for test acceptance of OUTER GATE at 5GS1 | |

1.4 Test ESCAPE DOOR at 5EL1:

<input type="checkbox"/>	VERIFY	Door has been inspected	
<input type="checkbox"/>	VERIFY	The door cannot be opened from	OUTSIDE
<input type="checkbox"/>	VERIFY	PEER 9 is in Restricted Access	MODE 8
	PLACE	PEER 7 in Controlled Access (MODE 16)	
<input type="checkbox"/>	VERIFY	PEER 7 is in Controlled Access	MODE 16
	OPEN	The door	
<input type="checkbox"/>	VERIFY	MCR sees the door is	OPEN
	SECURE	The Security Bar micro switch	MADE
	HOLD	Both of the door micro switches	MADE
<input type="checkbox"/>	VERIFY	MCR sees the gate is	CLOSED
	RELEASE	Div A door micro switch	
<input type="checkbox"/>	VERIFY	MCR indicates Div A	OPEN
	HOLD	Both of the door micro switches	MADE
<input type="checkbox"/>	VERIFY	MCR sees the gate is	CLOSED
	RELEASE	Div B door micro switch	
<input type="checkbox"/>	VERIFY	MCR indicates Div B	OPEN
	HOLD	Both of the door micro switches	MADE
<input type="checkbox"/>	VERIFY	MCR sees the door is	CLOSED
	RELEASE	The Security Bar micro switch	
<input type="checkbox"/>	VERIFY	MCR sees the door is	OPEN
	CLOSE	The door and latch the Security Bar	
<input type="checkbox"/>	VERIFY	The 5EL1 Door Reset light is	OFF
	RESET	The Door with #15 RC Sweep key at 5EL1 gate box	
<input type="checkbox"/>	VERIFY	MCR sees the 5EL1 door is	RESET
<input type="checkbox"/>	VERIFY	The 5EL1 Door Reset light is	ON
	OPEN	The door	
<input type="checkbox"/>	VERIFY	MCR sees the door is	OPEN
<input type="checkbox"/>	VERIFY	The 5EL1 gate box Gate Reset light is	OFF
	CLOSE	The door	
<input type="checkbox"/>	VERIFY	MCR sees the door is	CLOSED
<input type="checkbox"/>	VERIFY	The 5EL1 gate box Gate Reset light is	OFF

☐ **CHECK** for test acceptance of **ESCAPE DOOR** at **5EL1**

1.5 Test of ENTRY GATE at 5GE1

<input type="checkbox"/>	VERIFY	INNER Gate at 5GE1 has been inspected	
<input type="checkbox"/>	VERIFY	PEER 9 is in Restricted Access	MODE 8
	PLACE	PEER 7 in Controlled Access (MODE 16)	
<input type="checkbox"/>	VERIFY	PEER 7 is in Controlled Access	MODE 16
<input type="checkbox"/>	VERIFY	The warning lights on both sides of the gate indicate: CALL MCR FOR CROSSOVER AMBER	ON
<input type="checkbox"/>	VERIFY	The Exterior gate box Controlled Access light is	ON
	OPEN	Gate 5GE1 with Simultaneous Release and #14 CA Key	
<input type="checkbox"/>	VERIFY	Simultaneous Release Buzzer	SOUNDS
<input type="checkbox"/>	VERIFY	Gate 5GE1 is	OPEN
<input type="checkbox"/>	VERIFY	MCR sees the gate is	OPEN
	SECURE	The Electric Strike micro switch	MADE
	HOLD	Both of the gate micro switches	MADE

<input type="checkbox"/>	VERIFY	MCR sees the gate is	CLOSED
	RELEASE	Div A micro switch	
<input type="checkbox"/>	VERIFY	MCR indicates Div A	OPEN
	HOLD	Both of the gate micro switches	MADE
<input type="checkbox"/>	VERIFY	MCR sees the gate is	CLOSED
	RELEASE	Div B micro switch	
<input type="checkbox"/>	VERIFY	MCR indicates Div B	OPEN
	HOLD	Both of the gate micro switches	MADE
<input type="checkbox"/>	VERIFY	MCR sees the gate is	CLOSED
	RELEASE	The Electric Strike micro switch	
<input type="checkbox"/>	VERIFY	MCR sees the gate is	OPEN
	CLOSE	The gate	
<input type="checkbox"/>	VERIFY	MCR sees the gate is	CLOSED
	RESET	The gate from MCR	
<input type="checkbox"/>	VERIFY	MCR sees the gate is	RESET
	OPEN	The gate	
<input type="checkbox"/>	VERIFY	MCR sees the gate is	OPEN
	CLOSE	The gate	
<input type="checkbox"/>	VERIFY	MCR sees the gate is	CLOSED
	PLACE	PEER 7 in Controlled Access (MODE 17)	
<input type="checkbox"/>	VERIFY	PEER 7 is in XA	MODE 17
<input type="checkbox"/>	VERIFY	The gate box Controlled Access light is	ON
<input type="checkbox"/>	VERIFY	The warning lights on both sides of the gate indicate: CALL MCR FOR CROSSOVER AMBER	ON
	OPEN	Gate 5GE1 with the #14 RC CA key	
<input type="checkbox"/>	VERIFY	Gate 5GE1 is	OPEN
	CLOSE	Gate 5GE1	
	PLACE	PEER 7 in Restricted Access (Mode 8)	
<input type="checkbox"/>	VERIFY	PEER 7 is in Restricted Access	MODE 8
<input type="checkbox"/>	VERIFY	The gate box Restricted Access light is	ON
<input type="checkbox"/>	VERIFY	The warning lights on both sides of the gate indicate: CALL MCR FOR CROSSOVER AMBER	OFF
<input type="checkbox"/>	VERIFY	Attempt to open gate 5GE1 with S key is	SUCCESSFUL
<input type="checkbox"/>	VERIFY	Attempt to open Gate 5GE1 with #14 RC CA key is	SUCCESSFUL
<input type="checkbox"/>	VERIFY	Attempt to open 5GE1 with Blue card	SUCCESSFUL
<input type="checkbox"/>	VERIFY	Attempt to open 5GE1 with Expt. _____ card	FAIL
<input type="checkbox"/>	VERIFY	During attempt with Expt. Card Reader light is	RED
	PLACE	PEER 7 in Safe Access (Mode 2)	
<input type="checkbox"/>	VERIFY	PEER 7 is in Safe Access	MODE 2
<input type="checkbox"/>	VERIFY	The gate box Controlled Access light is	ON
<input type="checkbox"/>	VERIFY	The warning lights on both sides of the gate indicate: CALL MCR FOR CROSSOVER AMBER	ON
	OPEN	Gate 5GE1 with Simultaneous Release and #14 CA Key	
<input type="checkbox"/>	VERIFY	Gate 5GE1 is	OPEN
	CLOSE	Gate 5GE1	
<input type="checkbox"/>	CHECK	for test acceptance of ENTRY GATE at 5GE1	

1.6 Test of EXIT DOOR 5ED1

- | | | | |
|--------------------------|----------------|---|----------------|
| <input type="checkbox"/> | VERIFY | Gate has been inspected | |
| <input type="checkbox"/> | VERIFY | The door cannot be opened from the 6 O'clock area | |
| <input type="checkbox"/> | VERIFY | PEER 9 is in Restricted Access | MODE 8 |
| | PLACE | PEER 7 in Controlled Access (MODE 16) | |
| <input type="checkbox"/> | VERIFY | PEER 7 is in Controlled Access | MODE 16 |
| <input type="checkbox"/> | VERIFY | The warning lights on both sides of the gate indicate:
CALL MCR FOR CROSSOVER AMBER | ON |
| | OPEN | The door | |
| <input type="checkbox"/> | VERIFY | MCR sees the door is | OPEN |
| | HOLD | Both of the door micro switches | MADE |
| <input type="checkbox"/> | VERIFY | MCR sees the door is | CLOSED |
| | RELEASE | Div A door micro switch | |
| <input type="checkbox"/> | VERIFY | MCR indicates Div A | OPEN |
| | HOLD | Both of the door micro switches | MADE |
| <input type="checkbox"/> | VERIFY | MCR sees the door is | CLOSED |
| | RELEASE | Div B door micro switch | |
| <input type="checkbox"/> | VERIFY | MCR indicates Div B | OPEN |
| | CLOSE | The door | |
| <input type="checkbox"/> | VERIFY | MCR sees the door is | CLOSED |
| <input type="checkbox"/> | VERIFY | The 5ED1 Door Reset light is | OFF |
| | RESET | The Door with #15 RC Sweep key at 5ED1 gate box | |
| <input type="checkbox"/> | VERIFY | MCR sees the 5ED1 door is | RESET |
| <input type="checkbox"/> | VERIFY | The 5ED1 Door Reset light is | ON |
| | OPEN | The door | |
| <input type="checkbox"/> | VERIFY | MCR sees the door is | OPEN |
| <input type="checkbox"/> | VERIFY | The 5ED1 gate box Gate Reset light is | OFF |
| | CLOSE | The door | |
| <input type="checkbox"/> | VERIFY | MCR sees the door is | CLOSED |
| <input type="checkbox"/> | VERIFY | The 5ED1 gate box Gate Reset light is | OFF |
| | PLACE | PEER 7 in Controlled Access (MODE 17) | |
| <input type="checkbox"/> | VERIFY | PEER 7 is in Controlled Access | MODE 17 |
| <input type="checkbox"/> | VERIFY | The warning lights on both sides of the gate indicate:
CALL MCR FOR CROSSOVER AMBER | ON |
| | PLACE | PEER 7 in Restricted Access (MODE 8) | |
| <input type="checkbox"/> | VERIFY | PEER 7 is in Restricted Access | MODE 8 |
| <input type="checkbox"/> | VERIFY | The warning lights on both sides of the gate indicate:
CALL MCR FOR CROSSOVER AMBER | OFF |
| | PLACE | PEER 7 in Safe Access (MODE 2) | |
| <input type="checkbox"/> | VERIFY | PEER 7 is in Safe Access | MODE 2 |
| <input type="checkbox"/> | VERIFY | The warning lights on both sides of the gate indicate:
CALL MCR FOR CROSSOVER AMBER | ON |
- ☐ **CHECK** for test acceptance of **ESCAPE DOOR** at **5ED1**

1.7 Test of ENTRY GATE at 6GE1

<input type="checkbox"/>	VERIFY	INNER Gate at 6GE1 has been inspected	
<input type="checkbox"/>	VERIFY	PEER 9 is in Restricted Access	MODE 8
	PLACE	PEER 7 in Controlled Access (MODE 16)	
<input type="checkbox"/>	VERIFY	PEER 7 is in Controlled Access	MODE 16
<input type="checkbox"/>	VERIFY	The warning lights on both sides of the gate indicate: CALL MCR FOR CROSSOVER AMBER	ON
<input type="checkbox"/>	VERIFY	The Exterior gate box Controlled Access light is	ON
	OPEN	Gate 6GE1 with Simultaneous Release and #14 CA Key	
<input type="checkbox"/>	VERIFY	Simultaneous Release Buzzer	SOUNDS
<input type="checkbox"/>	VERIFY	Gate 6GE1 is	OPEN
<input type="checkbox"/>	VERIFY	MCR sees the gate is	OPEN
	SECURE	The Electric Strike micro switch	MADE
	HOLD	Both of the gate micro switches	MADE
<input type="checkbox"/>	VERIFY	MCR sees the gate is	CLOSED
	RELEASE	Div A micro switch	
<input type="checkbox"/>	VERIFY	MCR indicates Div A	OPEN
	HOLD	Both of the gate micro switches	MADE
<input type="checkbox"/>	VERIFY	MCR sees the gate is	CLOSED
	RELEASE	Div B micro switch	
<input type="checkbox"/>	VERIFY	MCR indicates Div B	OPEN
	HOLD	Both of the gate micro switches	MADE
<input type="checkbox"/>	VERIFY	MCR sees the gate is	CLOSED
	RELEASE	The Electric Strike micro switch	
<input type="checkbox"/>	VERIFY	MCR sees the gate is	OPEN
	CLOSE	The gate	
<input type="checkbox"/>	VERIFY	MCR sees the gate is	CLOSED
	RESET	The gate from MCR	
<input type="checkbox"/>	VERIFY	MCR sees the gate is	RESET
	OPEN	The gate	
<input type="checkbox"/>	VERIFY	MCR sees the gate is	OPEN
	CLOSE	The gate	
<input type="checkbox"/>	VERIFY	MCR sees the gate is	CLOSED
	PLACE	PEER 7 in Controlled Access (MODE 17)	
<input type="checkbox"/>	VERIFY	PEER 7 is in XA	MODE 17
<input type="checkbox"/>	VERIFY	The gate box Controlled Access light is	OFF
<input type="checkbox"/>	VERIFY	The warning lights on both sides of the gate indicate: CALL MCR FOR CROSSOVER AMBER	OFF
	OPEN	Gate 6GE1 with the #14 RC CA key	
<input type="checkbox"/>	VERIFY	Gate 6GE1 is	OPEN
	CLOSE	Gate 6GE1	
	PLACE	PEER 7 in Restricted Access (Mode 8)	
<input type="checkbox"/>	VERIFY	PEER 7 is in Restricted Access	MODE 8
<input type="checkbox"/>	VERIFY	The gate box Restricted Access light is	ON
<input type="checkbox"/>	VERIFY	The warning lights on both sides of the gate indicate: CALL MCR FOR CROSSOVER AMBER	OFF
<input type="checkbox"/>	VERIFY	Attempt to open gate 6GE1 with S key is	SUCCESSFUL
<input type="checkbox"/>	VERIFY	Attempt to open Gate 6GE1 with #14 RC CA key is	SUCCESSFUL
<input type="checkbox"/>	VERIFY	Attempt to open 6GE1 with Blue card	SUCCESSFUL
<input type="checkbox"/>	VERIFY	Attempt to open 6GE1 with Star card	SUCCESSFUL
<input type="checkbox"/>	VERIFY	Attempt to open 6GE1 with any other	

- | | | | |
|--------------------------|---------------|---|---------------------------|
| <input type="checkbox"/> | VERIFY | Expt. _____ card
During attempt with Expt. Card Reader light is | FAIL
RED |
| | PLACE | PEER 7 in Safe Access (Mode 2) | |
| <input type="checkbox"/> | VERIFY | PEER 7 is in Safe Access | MODE 2 |
| <input type="checkbox"/> | VERIFY | The gate box Controlled Access light is | ON |
| <input type="checkbox"/> | VERIFY | The warning lights on both sides of the gate indicate:
CALL MCR FOR CROSSOVER AMBER | ON |
| | OPEN | Gate 6GE1 with Simultaneous Release and #14 CA Key | |
| <input type="checkbox"/> | VERIFY | Gate 6GE1 is | OPEN |
| | CLOSE | Gate 6GE1 | |
| <input type="checkbox"/> | CHECK | for test acceptance of ENTRY GATE at 6GE1 | |

1.8 Test of Iris Scanner and Local Keytree located at gate 6GE1

- | | | | |
|--------------------------|----------------|--|---------------------|
| | PLACE | PEER 7 in CA, Mode 16 | |
| <input type="checkbox"/> | VERIFY | PEER 7 is in CA | MODE 16 |
| | SCAN | Valid Personnel with Iris Scanner at gate 6GE1 | |
| <input type="checkbox"/> | VERIFY | Valid Personnel is | RECOGNIZED |
| <input type="checkbox"/> | VERIFY | First STAR key in Local keytree at 6GE1 | RELEASED |
| <input type="checkbox"/> | VERIFY | Attempt to enter 6GE1 with STAR key and SR is | SUCCESSFUL |
| | SCAN | Valid Personnel with Iris Scanner at 6GE1 | |
| <input type="checkbox"/> | VERIFY | Valid Personnel is | RECOGNIZED |
| <input type="checkbox"/> | VERIFY | Attempt to release third STAR key in Local keytree at 6GE1 is | UNSUCCESSFUL |
| | SCAN | Valid Personnel with Iris Scanner at 6GE1 | |
| <input type="checkbox"/> | VERIFY | Valid Personnel is | RECOGNIZED |
| <input type="checkbox"/> | VERIFY | Attempt to release second STAR key in Local keytree at 6GE1 | SUCCESSFUL |
| <input type="checkbox"/> | VERIFY | Attempt to enter 6GE1 with second STAR key and SR is | SUCCESSFUL |
| | REPLACE | First and second STAR keys in local keytree at 6GE1 | |
| <input type="checkbox"/> | VERIFY | First STAR key <input type="checkbox"/> and Second STAR key <input type="checkbox"/> | REPLACED |
| | PLACE | PEER 7 in Controlled Access (XA), Mode 17 | |
| <input type="checkbox"/> | VERIFY | PEER 7 is in XA | MODE 17 |
| | SCAN | Valid Personnel with Iris Scanner at 6GE1 | |
| <input type="checkbox"/> | VERIFY | Valid Personnel is | RECOGNIZED |
| <input type="checkbox"/> | VERIFY | First STAR key in Local keytree 6GE1 remains | CAPTURED |
| | PLACE | PEER 7 in Restricted Access (Mode 8) | |
| <input type="checkbox"/> | VERIFY | PEER 7 is in Restricted Access | MODE 8 |

- ☐ Check for acceptance of Test of Iris Scanner and Local Keytree located at gate 6GE1

1.9 Test of ENTRY GATE at 6GE2

<input type="checkbox"/>	VERIFY	Entry Gate at 6GE2 has been inspected	
<input type="checkbox"/>	VERIFY	PEER 9 is in Restricted Access	MODE 8
	PLACE	PEER 7 in Controlled Access (MODE 16)	
<input type="checkbox"/>	VERIFY	PEER 7 is in Controlled Access	MODE 16
<input type="checkbox"/>	VERIFY	The warning lights on both sides of the gate indicate: CALL MCR FOR CROSSOVER AMBER	ON
<input type="checkbox"/>	VERIFY	The Exterior gate box Controlled Access light is	ON
	OPEN	Gate 6GE2 with Simultaneous Release and #14 CA Key	
<input type="checkbox"/>	VERIFY	Simultaneous Release Buzzer	SOUNDS
<input type="checkbox"/>	VERIFY	Gate 6GE2 is	OPEN
<input type="checkbox"/>	VERIFY	MCR sees the gate is	OPEN
	SECURE	The Electric Strike micro switch	MADE
	HOLD	Both of the gate micro switches	MADE
<input type="checkbox"/>	VERIFY	MCR sees the gate is	CLOSED
	RELEASE	Div A micro switch	
<input type="checkbox"/>	VERIFY	MCR indicates Div A	OPEN
	HOLD	Both of the gate micro switches	MADE
<input type="checkbox"/>	VERIFY	MCR sees the gate is	CLOSED
	RELEASE	Div B micro switch	
<input type="checkbox"/>	VERIFY	MCR indicates Div B	OPEN
	HOLD	Both of the gate micro switches	MADE
<input type="checkbox"/>	VERIFY	MCR sees the gate is	CLOSED
	RELEASE	The Electric Strike micro switch	
<input type="checkbox"/>	VERIFY	MCR sees the gate is	OPEN
	CLOSE	The gate	
<input type="checkbox"/>	VERIFY	MCR sees the gate is	CLOSED
	RESET	The gate from MCR	
<input type="checkbox"/>	VERIFY	MCR sees the gate is	RESET
	OPEN	The gate	
<input type="checkbox"/>	VERIFY	MCR sees the gate is	OPEN
	CLOSE	The gate	
<input type="checkbox"/>	VERIFY	MCR sees the gate is	CLOSED
	PLACE	PEER 7 in Controlled Access (MODE 17)	
<input type="checkbox"/>	VERIFY	PEER 7 is in Controlled Access	MODE 17
<input type="checkbox"/>	VERIFY	The gate box Controlled Access light is	OFF
<input type="checkbox"/>	VERIFY	The warning lights on both sides of the gate indicate: CALL MCR FOR CROSSOVER AMBER	OFF
	OPEN	Gate 6GE2 with the #14 RC CA key	
<input type="checkbox"/>	VERIFY	Gate 6GE2 is	OPEN
	CLOSE	Gate 6GE2	
	PLACE	PEER 7 in Restricted Access (Mode 8)	
<input type="checkbox"/>	VERIFY	PEER 7 is in Restricted Access	MODE 8
<input type="checkbox"/>	VERIFY	The gate box Restricted Access light is	ON
<input type="checkbox"/>	VERIFY	The warning lights on both sides of the gate indicate: CALL MCR FOR CROSSOVER AMBER	OFF
<input type="checkbox"/>	VERIFY	Attempt to open gate 6GE2 with S key is	SUCCESSFUL
<input type="checkbox"/>	VERIFY	Attempt to open Gate 6GE2 with #14 RC CA key is	SUCCESSFUL
<input type="checkbox"/>	VERIFY	Attempt to open 6GE2 with Blue card	SUCCESSFUL
<input type="checkbox"/>	VERIFY	Attempt to open 6GE2 with Star card	SUCCESSFUL
<input type="checkbox"/>	VERIFY	Attempt to open 6GE2 with any other	

- | | | | |
|--------------------------|--|---|---------------------------|
| <input type="checkbox"/> | VERIFY | Expt. _____ card
During attempt with Expt. Card Reader light is | FAIL
RED |
| <input type="checkbox"/> | PLACE | PEER 7 in Safe Access (Mode2) | |
| <input type="checkbox"/> | VERIFY | PEER 7 is in Safe Access | MODE 2 |
| <input type="checkbox"/> | VERIFY | The gate box Controlled Access light is | ON |
| <input type="checkbox"/> | VERIFY | The warning lights on both sides of the gate indicate:
CALL MCR FOR CROSSOVER AMBER | ON |
| | OPEN | Gate 6GE2 with Simultaneous Release and #14 CA Key | |
| <input type="checkbox"/> | VERIFY | Gate 6GE2 is | OPEN |
| | CLOSE | Gate 6GE2 | |
| <input type="checkbox"/> | CHECK for test acceptance of ENTRY GATE at 6GE2 | | |

1.10 Test of TRENCH GATE at 6MD1

- | | | | |
|--------------------------|---|--|----------------|
| <input type="checkbox"/> | VERIFY | Gate has been inspected | |
| <input type="checkbox"/> | VERIFY | PEER 9 is in Restricted Access | MODE 8 |
| | PLACE | PEER 7 in Controlled Access (MODE 16) | |
| <input type="checkbox"/> | VERIFY | PEER 7 is in Controlled Access | MODE 16 |
| | OPEN | The gate | |
| <input type="checkbox"/> | VERIFY | MCR sees the gate is | OPEN |
| | HOLD | Both gate micro switches | MADE |
| <input type="checkbox"/> | VERIFY | MCR sees the gate is | CLOSED |
| | RELEASE | Div A micro switch | |
| <input type="checkbox"/> | VERIFY | MCR indicates Div A | OPEN |
| | HOLD | Both gate micro switches | MADE |
| <input type="checkbox"/> | VERIFY | MCR sees the gate is | CLOSED |
| | RELEASE | Div B micro switch | |
| <input type="checkbox"/> | VERIFY | MCR indicates Div B | OPEN |
| | CLOSE | The gate | |
| <input type="checkbox"/> | VERIFY | MCR sees the gate is | CLOSED |
| <input type="checkbox"/> | VERIFY | The gate box Gate Reset light is | OFF |
| | RESET | The gate with #15 RC Sweep key | |
| <input type="checkbox"/> | VERIFY | MCR sees the gate is | RESET |
| <input type="checkbox"/> | VERIFY | The gate box Gate Reset light is | ON |
| | OPEN | The gate | |
| <input type="checkbox"/> | VERIFY | MCR sees the gate is | CLOSED |
| <input type="checkbox"/> | VERIFY | The gate box Gate Reset light is | OFF |
| | CLOSE | The gate | |
| <input type="checkbox"/> | CHECK for test acceptance of TRENCH GATE at 6MD1 | | |

1.11 Test of EXIT DOOR 6ED1

- | | | | |
|--------------------------|----------------|---|----------------------|
| <input type="checkbox"/> | VERIFY | Gate has been inspected | |
| <input type="checkbox"/> | VERIFY | The door cannot be opened from the 6 O'clock area | |
| <input type="checkbox"/> | VERIFY | PEER 9 is in Restricted Access | MODE 8 |
| | PLACE | PEER 7 in Controlled Access (MODE 16) | |
| <input type="checkbox"/> | VERIFY | PEER 7 is in Controlled Access | MODE 16 |
| <input type="checkbox"/> | VERIFY | The warning lights on both sides of the gate indicate:
CALL MCR FOR CROSSOVER AMBER | ON |
| | OPEN | The door | |
| <input type="checkbox"/> | VERIFY | MCR sees the door is | OPEN |
| | HOLD | Both of the door micro switches | MADE |
| <input type="checkbox"/> | VERIFY | MCR sees the door is | CLOSED |
| | RELEASE | Div A door micro switch | |
| <input type="checkbox"/> | VERIFY | MCR indicates | DIV A ≠ DIV B |
| | HOLD | Both of the door micro switches | MADE |
| <input type="checkbox"/> | VERIFY | MCR sees the door is | CLOSED |
| | RELEASE | Div B door micro switch | |
| <input type="checkbox"/> | VERIFY | MCR indicates | DIV A ≠ DIV B |
| | CLOSE | The door | |
| <input type="checkbox"/> | VERIFY | MCR sees the door is | CLOSED |
| <input type="checkbox"/> | VERIFY | The 6ED1 Door Reset light is | OFF |
| | RESET | The Door with #15 RC Sweep key at 6ED1 gate box | |
| <input type="checkbox"/> | VERIFY | MCR sees the 6ED1 door is | RESET |
| <input type="checkbox"/> | VERIFY | The 6ED1 Door Reset light is | ON |
| | OPEN | The door | |
| <input type="checkbox"/> | VERIFY | MCR sees the door is | OPEN |
| <input type="checkbox"/> | VERIFY | The 6ED1 gate box Gate Reset light is | OFF |
| | CLOSE | The door | |
| <input type="checkbox"/> | VERIFY | MCR sees the door is | CLOSED |
| <input type="checkbox"/> | VERIFY | The 6ED1 gate box Gate Reset light is | OFF |
| | PLACE | PEER 7 in Controlled Access (MODE 17) | |
| <input type="checkbox"/> | VERIFY | PEER 7 is in Controlled Access | MODE 17 |
| <input type="checkbox"/> | VERIFY | The warning lights on both sides of the gate indicate:
CALL MCR FOR CROSSOVER AMBER | ON |
| | PLACE | PEER 7 in Restricted Access (MODE 8) | |
| <input type="checkbox"/> | VERIFY | PEER 7 is in Restricted Access | MODE 8 |
| <input type="checkbox"/> | VERIFY | The warning lights on both sides of the gate indicate:
CALL MCR FOR CROSSOVER AMBER | OFF |
| | PLACE | PEER 7 in Safe Access (MODE 2) | |
| <input type="checkbox"/> | VERIFY | PEER 7 is in Safe Access | MODE 2 |
| <input type="checkbox"/> | VERIFY | The warning lights on both sides of the gate indicate:
CALL MCR FOR CROSSOVER AMBER | ON |
| <input type="checkbox"/> | CHECK | for test acceptance of ESCAPE DOOR at 6ED1 | |

1.12 Test of ENTRY GATE at 6GE3

<input type="checkbox"/>	VERIFY	INNER Gate at 6GE3 has been inspected	
<input type="checkbox"/>	VERIFY	PEER 9 is in Restricted Access	MODE 8
	PLACE	PEER 7 in Controlled Access (MODE 16)	
<input type="checkbox"/>	VERIFY	PEER 7 is in Controlled Access	MODE 16
<input type="checkbox"/>	VERIFY	The warning lights on both sides of the gate indicate: CALL MCR FOR CROSSOVER AMBER	ON
<input type="checkbox"/>	VERIFY	The Exterior gate box Controlled Access light is	ON
	OPEN	Gate 6GE3 with Simultaneous Release and #14 CA Key	
<input type="checkbox"/>	VERIFY	Simultaneous Release Buzzer	SOUNDS
<input type="checkbox"/>	VERIFY	Gate 6GE3 is	OPEN
<input type="checkbox"/>	VERIFY	MCR sees the gate is	OPEN
	SECURE	The Electric Strike micro switch	MADE
	HOLD	Both of the gate micro switches	MADE
<input type="checkbox"/>	VERIFY	MCR sees the gate is	CLOSED
	RELEASE	Div A micro switch	
<input type="checkbox"/>	VERIFY	MCR indicates Div A	OPEN
	HOLD	Both of the gate micro switches	MADE
<input type="checkbox"/>	VERIFY	MCR sees the gate is	CLOSED
	RELEASE	Div B micro switch	
<input type="checkbox"/>	VERIFY	MCR indicates Div B	OPEN
	HOLD	Both of the gate micro switches	MADE
<input type="checkbox"/>	VERIFY	MCR sees the gate is	CLOSED
	RELEASE	The Electric Strike micro switch	
<input type="checkbox"/>	VERIFY	MCR sees the gate is	OPEN
	CLOSE	The gate	
<input type="checkbox"/>	VERIFY	MCR sees the gate is	CLOSED
	RESET	The gate from MCR	
<input type="checkbox"/>	VERIFY	MCR sees the gate is	RESET
	OPEN	The gate	
<input type="checkbox"/>	VERIFY	MCR sees the gate is	OPEN
	CLOSE	The gate	
<input type="checkbox"/>	VERIFY	MCR sees the gate is	CLOSED
	PLACE	PEER 7 in Controlled Access (MODE 17)	
<input type="checkbox"/>	VERIFY	PEER 7 is in Controlled Access	MODE 17
<input type="checkbox"/>	VERIFY	The gate box Controlled Access light is	ON
<input type="checkbox"/>	VERIFY	The warning lights on both sides of the gate indicate: CALL MCR FOR CROSSOVER AMBER	ON
	OPEN	Gate 6GE3 with the #14 RC CA key with Simultaneous Release	
<input type="checkbox"/>	VERIFY	Gate 6GE3 is	OPEN
	CLOSE	Gate 6GE3	
	PLACE	PEER 7 in Restricted Access (Mode 8)	
<input type="checkbox"/>	VERIFY	PEER 7 is in Restricted Access	MODE 8
<input type="checkbox"/>	VERIFY	The gate box Restricted Access light is	ON
<input type="checkbox"/>	VERIFY	The warning lights on both sides of the gate indicate: CALL MCR FOR CROSSOVER AMBER	OFF
<input type="checkbox"/>	VERIFY	Attempt to open gate 6GE2 with S key is	SUCCESSFUL
<input type="checkbox"/>	VERIFY	Attempt to open Gate 6GE2 with #14 RC CA key is	SUCCESSFUL
<input type="checkbox"/>	VERIFY	Attempt to open 6GE2 with Blue card	SUCCESSFUL
<input type="checkbox"/>	VERIFY	Attempt to open 6GE2 with Star card	FAIL

- ☐ **VERIFY** During attempt with **Star Card Reader light** is **RED**
- PLACE** **PEER 7** in **Safe Access (Mode2)**
- ☐ **VERIFY** **PEER 7** is in **Safe Access** **MODE 2**
- ☐ **VERIFY** The gate box **Controlled Access** light is **ON**
- ☐ **VERIFY** The warning lights on both sides of the gate indicate: **ON**
- OPEN** **CALL MCR FOR CROSSOVER AMBER**
- Gate 6GE3** with **Simultaneous Release** and **#14 CA Key**
- ☐ **VERIFY** Gate **6GE3** is **OPEN**
- CLOSE** Gate **6GE3**
- ☐ **CHECK** for test acceptance of **ENTRY GATE** at **6GE3**

1.13 Test ESCAPE DOOR at 6EL1:

- ☐ **VERIFY** Door has been inspected
- ☐ **VERIFY** The door cannot be opened from **OUTSIDE**
- ☐ **VERIFY** **PEER 9** is in **Restricted Access** **MODE 8**
- PLACE** **PEER 7** in **Controlled Access (MODE 16)**
- ☐ **VERIFY** **PEER 7** is in **Controlled Access** **MODE 16**
- OPEN** The door
- ☐ **VERIFY** **MCR** sees the door is **OPEN**
- SECURE** The Security Bar micro switch **MADE**
- HOLD** Both of the door micro switches **MADE**
- ☐ **VERIFY** **MCR** sees the gate is **CLOSED**
- RELEASE** Div A door micro switch
- ☐ **VERIFY** **MCR** indicates **Div A** **OPEN**
- HOLD** Both of the door micro switches **MADE**
- ☐ **VERIFY** **MCR** sees the gate is **CLOSED**
- RELEASE** Div B door micro switch
- ☐ **VERIFY** **MCR** indicates **Div B** **OPEN**
- HOLD** Both of the door micro switches **MADE**
- ☐ **VERIFY** **MCR** sees the door is **CLOSED**
- RELEASE** The Security Bar micro switch
- ☐ **VERIFY** **MCR** sees the door is **OPEN**
- CLOSE** The door and latch the Security Bar
- ☐ **VERIFY** The **6EL1** Door Reset light is **OFF**
- RESET** The Door with #15 RC Sweep key at **6EL1** gate box
- ☐ **VERIFY** **MCR** sees the **6EL1** door is **RESET**
- ☐ **VERIFY** The **6EL1** Door Reset light is **ON**
- OPEN** The door
- ☐ **VERIFY** **MCR** sees the door is **OPEN**
- ☐ **VERIFY** The **6EL1** gate box Gate Reset light is **OFF**
- CLOSE** The door
- ☐ **VERIFY** **MCR** sees the door is **CLOSED**
- ☐ **VERIFY** The **6EL1** gate box Gate Reset light is **OFF**
- ☐ **CHECK** for test acceptance of **ESCAPE DOOR** at **6EL1**

1.14

Test of EXIT DOOR 6ED2

- | | | | |
|--------------------------|----------------|---|----------------|
| <input type="checkbox"/> | VERIFY | Door has been inspected | |
| <input type="checkbox"/> | VERIFY | The door cannot be opened from | OUTSIDE |
| <input type="checkbox"/> | VERIFY | PEER 9 is in Restricted Access | MODE 8 |
| | PLACE | PEER 7 in Controlled Access (MODE 16) | |
| <input type="checkbox"/> | VERIFY | PEER 7 is in Controlled Access | MODE 16 |
| <input type="checkbox"/> | VERIFY | The warning lights on both sides of the gate indicate: | |
| | | CALL MCR FOR CROSSOVER AMBER | ON |
| | OPEN | The door | |
| <input type="checkbox"/> | VERIFY | MCR sees the door is | OPEN |
| | HOLD | Both of the door micro switches | MADE |
| <input type="checkbox"/> | VERIFY | MCR sees the door is | CLOSED |
| | RELEASE | Div A door micro switch | |
| <input type="checkbox"/> | VERIFY | MCR indicates Div A | OPEN |
| | HOLD | Both of the door micro switches | MADE |
| <input type="checkbox"/> | VERIFY | MCR sees the door is | CLOSED |
| | RELEASE | Div B door micro switch | |
| <input type="checkbox"/> | VERIFY | MCR indicates Div B | OPEN |
| | CLOSE | The door | |
| <input type="checkbox"/> | VERIFY | MCR sees the door is | CLOSED |
| <input type="checkbox"/> | VERIFY | The 6ED2 Door Reset light is | OFF |
| | RESET | The Door with #15 RC Sweep key at 6ED2 gate box | |
| <input type="checkbox"/> | VERIFY | MCR sees the 6ED2 door is | RESET |
| <input type="checkbox"/> | VERIFY | The 6ED2 Door Reset light is | ON |
| | OPEN | The door | |
| <input type="checkbox"/> | VERIFY | MCR sees the door is | OPEN |
| <input type="checkbox"/> | VERIFY | The 6ED2 gate box Gate Reset light is | OFF |
| | CLOSE | The door | |
| <input type="checkbox"/> | VERIFY | MCR sees the door is | CLOSED |
| <input type="checkbox"/> | VERIFY | The 6ED2 gate box Gate Reset light is | OFF |
| | PLACE | PEER 7 in Controlled Access (MODE 17) | |
| <input type="checkbox"/> | VERIFY | PEER 7 is in Controlled Access | MODE 17 |
| <input type="checkbox"/> | VERIFY | The warning lights on both sides of the gate indicate: | |
| | | CALL MCR FOR CROSSOVER AMBER | ON |
| | PLACE | PEER 7 in Restricted Access (MODE 8) | |
| <input type="checkbox"/> | VERIFY | PEER 7 is in Restricted Access | MODE 8 |
| <input type="checkbox"/> | VERIFY | The warning lights on both sides of the gate indicate: | |
| | | CALL MCR FOR CROSSOVER AMBER | OFF |
| | PLACE | PEER 7 in Safe Access (MODE 2) | |
| <input type="checkbox"/> | VERIFY | PEER 7 is in Safe Access | MODE 2 |
| <input type="checkbox"/> | VERIFY | The warning lights on both sides of the gate indicate: | |
| | | CALL MCR FOR CROSSOVER AMBER | ON |
- ☐ **CHECK** for test acceptance of **ESCAPE DOOR** at **6ED2**

1.15 Test INNER GATE at 7GS1:

- | | | | |
|--------------------------|---------------|---|----------------|
| <input type="checkbox"/> | VERIFY | Gate has been inspected | |
| | PLACE | PEER 17 in Restricted Access (Mode 8) | |
| <input type="checkbox"/> | VERIFY | PEER 17 is in Restricted Access | MODE 8 |
| | PLACE | PEER 7 in Controlled Access (MODE 16) | |
| <input type="checkbox"/> | VERIFY | PEER 7 is in Controlled Access | MODE 16 |
| <input type="checkbox"/> | VERIFY | The warning lights and LED message: Stop Call MCR for Access X-7400 Stop on both sides of the gate are | ON |
| | OPEN | The gate | |
| <input type="checkbox"/> | VERIFY | MCR sees the gate is | OPEN |
| | CLOSE | The gate | |
| <input type="checkbox"/> | VERIFY | MCR sees the gate is | CLOSED |
- ☐ **CHECK** for test acceptance of **INNER GATE** at **7GS1**

1.16 Test OUTER GATE at 7GS1:

- | | | | |
|--------------------------|---------------|--|----------------|
| | PLACE | PEER 17 in Restricted Access (Mode 8) | |
| <input type="checkbox"/> | VERIFY | PEER 17 is in Restricted Access | MODE 8 |
| | PLACE | PEER 7 in Controlled Access (MODE 16) | |
| <input type="checkbox"/> | VERIFY | PEER 7 is in Controlled Access | MODE 16 |
| <input type="checkbox"/> | VERIFY | The warning lights on both sides of the gate indicate: CALL MCR FOR CROSSOVER AMBER | ON |
| | OPEN | The gate | |
| <input type="checkbox"/> | VERIFY | MCR sees the gate is | OPEN |
| | CLOSE | The gate | |
| <input type="checkbox"/> | VERIFY | MCR sees the gate is | CLOSED |
- ☐ **CHECK** for test acceptance of **OUTER GATE** at **7GS1**

Note:

INTERNAL GATES: YGI1, YGI2, XGI1 and XGI2. These gates are controlled by **PEER 5 (1000P)** and have dedicated micro-switches monitored by **PEER 7**. These tests verify the operation of the **PEER 7** micro-switches.

1.17 Test of INTERNAL GATE at YGI1

- | | | | |
|--------------------------|---------------|---|----------------|
| <input type="checkbox"/> | VERIFY | Gate has been inspected | |
| | PLACE | PEER 5 is in Restricted Access (MODE 8) | |
| <input type="checkbox"/> | VERIFY | PEER 5 is in Restricted Access | MODE 8 |
| | PLACE | PEER 7 in Controlled Access (MODE 16) | |
| <input type="checkbox"/> | VERIFY | PEER 7 is in Controlled Access | MODE 16 |
| | OPEN | Gate YGI1 | |
| <input type="checkbox"/> | VERIFY | MCR sees the gate is | OPEN |
| | CLOSE | The gate | |
- ☐ **CHECK** for test acceptance of **INTERNAL GATE** at **YGI1**

1.18 Test of INTERNAL GATE at YGI2

- ☐ **VERIFY** Gate has been inspected
- ☐ **VERIFY** **PEER 5** is in **Restricted Access** **MODE 8**
- PLACE** **PEER 7** in **Controlled Access (MODE 16)**
- ☐ **VERIFY** **PEER 7** is in **Controlled Access** **MODE 16**
- OPEN** Gate **YGI2**
- ☐ **VERIFY** **MCR** sees the gate is **OPEN**
- CLOSE** The gate
- ☐ **CHECK** for test acceptance of **INTERNAL GATE** at **YGI2**

1.19 Test of INTERNAL GATE at XGI1

- ☐ **VERIFY** Gate has been inspected
- ☐ **VERIFY** **PEER 5** is in **Restricted Access** **MODE 8**
- PLACE** **PEER 7** in **Controlled Access (MODE 16)**
- ☐ **VERIFY** **PEER 7** is in **Controlled Access** **MODE 16**
- OPEN** Gate **XGI1**
- ☐ **VERIFY** **MCR** sees the gate is **OPEN**
- CLOSE** The gate
- ☐ **CHECK** for test acceptance of **INTERNAL GATE** at **XGI1**

1.20 Test of INTERNAL GATE at XGI2

- ☐ **VERIFY** Gate has been inspected
- ☐ **VERIFY** **PEER 5** is in **Restricted Access** **MODE 8**
- PLACE** **PEER 7** in **Controlled Access (MODE 16)**
- ☐ **VERIFY** **PEER 7** is in **Controlled Access** **MODE 16**
- OPEN** Gate **XGI2**
- ☐ **VERIFY** **MCR** sees the gate is **OPEN**
- CLOSE** The gate
- ☐ **CHECK** for test acceptance of **INTERNAL GATE** at **XGI2**

END OF TEST PROCEDURE

TTL: Sign for completion of initial testing: _____

Date: ____/____/____

TTL: Sign for completion of final testing: _____

Date: ____/____/____